# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S1 | 8 | (("5305650") or ("5150937") or ("5492023") or ("4928473")).PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/05/30 16:30 |
| S2 | 10274 | ((73/863) or (73/863.01) or (73/864.16) or (73/864.21-864.25) or (73/863.11) or (73/864.26) or (422/100) or (422/63-65) or (422/70) or (422/74)).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/05/30 16:58 |
| S3 | 32 | ("0391533" \| "1565733" \| "2625424" \| "2642307" \| "3330590" \| "3460329" \| "3607099" \| "3610644" \| "3866966" \| "3901547" \| "4170625" \| "4351553" \| "4413534" \| "4497774" \| "4554132" \| "4836038" \| "4855909" \| "4957320" \| "4970468" \| "4974458" \| "5167926").PN. OR ("5150937" \| "5305650").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2008/05/30 17:10 |
| S4 | 1 | "10529921" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/05/30 18:04 |

| S7 | 1 | grip$4 with adhes $4 S6 | US-PGPUB; USPAT; USOCR | AND | ON | 2008/05/31 18:57 |
|---|---|---|---|---|---|---|
| S6 | 106 | ("3661051" \| "3920972" \| "4011437" \| "4138632" \| "4243923" \| "4281447" \| "4283764" \| "4362978" \| "4383245" \| "4402653" \| "4577284" \| "4578764" \| "4589199" \| "4615902" \| "4658193" \| "4673075" \| "4766078" \| "4835711" \| "4914966" \| "4927545" \| "5214969" \| "5229074" \| "Re30132").PN. OR ("4488241" \| "4835711" \| "5363885").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2008/05/31 18:57 |
| S5 | 6 | (("4488241") or ("4835711") or ("5363885")).PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/05/31 18:57 |
| S9 | 17 | S6 S8 | US-PGPUB; USPAT; USOCR | AND | ON | 2008/05/31 18:59 |
| S8 | 849602 | exchang$4 | US-PGPUB; USPAT; USOCR | AND | ON | 2008/05/31 18:59 |
| S10 | 44 | ("0391533" \| "1565733" \| "2625424" \| "2642307" \| "3330590" \| "3460329" \| "3607099" \| "3610644" \| "3866966" \| "3901547" \| "4170625" \| "4351553" \| "4413534" \| "4497774" \| | US-PGPUB; USPAT; USOCR | AND | ON | 2008/05/31 19:02 |

| | | "4554132" \| "4836038" \| "4855909" \| "4957320" \| "4970468" \| "4974458" \| "5167926" \| "5363885" \| "5409667" \| "5769775" \| "6056924" \| "6060022" \| "6210571" \| "RE36341").PN. OR ("5150937" \| "5305650" \| "6455002").URPN. | | | | |
|---|---|---|---|---|---|---|
| S12 | 66 | robot S11 | US-PGPUB; USPAT; USOCR | AND | ON | 2008/05/31 19:20 |
| S11 | 857 | gripper with break $3 | US-PGPUB; USPAT; USOCR | AND | ON | 2008/05/31 19:20 |
| S13 | 41 | gripper with overload | US-PGPUB; USPAT; USOCR | AND | ON | 2008/05/31 19:47 |
| S14 | 32 | gripper with crack | US-PGPUB; USPAT; USOCR | AND | ON | 2008/05/31 19:54 |
| S15 | 123 | gripper with threshold | US-PGPUB; USPAT; USOCR | AND | ON | 2008/05/31 19:55 |
| S16 | 26771 | grip$4 with (threshold or break $3 or snap or crack or limit or overload) | US-PGPUB; USPAT; USOCR | AND | ON | 2008/06/01 13:34 |
| S19 | 57 | S18 S17 | US-PGPUB; USPAT; USOCR | AND | ON | 2008/06/01 13:35 |
| S18 | 10274 | ((73/863) or (73/863.01) or (73/864.16) or (73/864.21-864.25) or (73/863.11) or (73/864.26) or (422/100) or (422/63-65) or (422/70) or (422/74)).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/01 13:35 |
| S17 | 29347 | (robot or grip$4) with (threshold or break$3 or snap or crack or limit or overload) | US-PGPUB; USPAT; USOCR | AND | ON | 2008/06/01 13:35 |

| S20 | 7860 | (robot or grip$4 or pinc$3) with (threshold or break $3 or snap or crack or limit or overload) same (force or squeeze) | US-PGPUB; USPAT; USOCR | AND | ON | 2008/06/01 13:38 |
| S21 | 10 | S20 S18 | US-PGPUB; USPAT; USOCR | AND | ON | 2008/06/01 13:39 |
| S23 | 2477 | (robot or grip$4 or pinc$3) with (threshold or break $3 or snap or crack or limit or overload) same (force or squeeze) same (prevent$3 or warn $3) | US-PGPUB; USPAT; USOCR | AND | ON | 2008/06/01 13:41 |
| S22 | 0 | (robot or grip$4 or pinc$3) with (threshold or break $3 or snap or crack or limit or overload) same (force or squeeze) smae (prevent$3 or warn $3) | US-PGPUB; USPAT; USOCR | AND | ON | 2008/06/01 13:41 |
| S24 | 118 | S23 robot$3 | US-PGPUB; USPAT; USOCR | AND | ON | 2008/06/01 13:48 |
| S25 | 258 | (robot or grip$4 or pinc$3) with finger with break | US-PGPUB; USPAT; USOCR | AND | ON | 2008/06/01 13:53 |
| S26 | 127 | (robot or grip$4 or pinc$3) with finger with (break$3 or snap or crack) with force | US-PGPUB; USPAT; USOCR | AND | ON | 2008/06/01 13:58 |
| S27 | 180 | (robot or grip$4 or pinc$3) with (break $3 or snap or crack) with force with (prevent$4 or prohibit$4 or stop $3 or warn$3 or fail $3) | US-PGPUB; USPAT; USOCR | AND | ON | 2008/06/01 14:02 |
| S28 | 41 | (robot or grip$4 or pinc$3) with (break $3 adj away) with force | US-PGPUB; USPAT; USOCR | AND | ON | 2008/06/01 14:05 |

| S29 | 46 | ("0391533" \| "1565733" \| "2625424" \| "2642307" \| "3330590" \| "3460329" \| "3607099" \| "3610644" \| "3866966" \| "3901547" \| "4170625" \| "4351553" \| "4413534" \| "4497774" \| "4554132" \| "4836038" \| "4855909" \| "4957320" \| "4970468" \| "4974458" \| "5167926" \| "5215923" \| "5305650" \| "5363885" \| "5409667" \| "5769775" \| "6056924" \| "6060022" \| "6210571" \| "RE36341").PN. OR ("5150937" \| "5305650" \| "5979250" \| "6455002").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2008/06/01 14:07 |
|-----|-----|-----|-----|-----|-----|-----|
| S31 | 4626 | S30 fingers | US-PGPUB; USPAT; USOCR | AND | ON | 2008/06/01 14:11 |
| S30 | 13705 | (robot or grip$4 or pinc$3 or finger or support) with (threshold or break$3 or snap or crack or limit or overload) with (force or squeeze) | US-PGPUB; USPAT; USOCR | AND | ON | 2008/06/01 14:11 |
| S32 | 170 | S31 robot | US-PGPUB; USPAT; USOCR | AND | ON | 2008/06/01 14:12 |
| S33 | 10 | ("1402677" \| "3219376" \| "3425732" \| "3630391" \| "3739923").PN. OR ("3843187").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2008/06/01 14:26 |

| S35 | 70 | S34 grip$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/01 15:00 |
| S34 | 807 | electric$4 with (jackscrew or (jack adj screw)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/01 15:00 |
| S36 | 3 | S34 (robot or pinch $3) (expand contract) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/01 15:02 |
| S37 | 56 | electric$4 with (jackscrew or (jack adj screw)) same (pinch$3 or grip$3 or clamp$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/01 15:06 |
| S39 | 39 | S38 robot$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/01 15:09 |
| S38 | 1785 | (jackscrew or (jack adj screw)) same (pinch$3 or grip$3 or clamp$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/01 15:09 |
| S40 | 294 | (jackscrew or (jack adj screw)) same (pinch$3 or grip$3 or clamp$3) same (electric$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/01 15:26 |
| S41 | 69 | (jackscrew or (jack adj screw)) with (pinch$3 or grip$3 or clamp$3) same (electric$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/01 15:30 |

| S42 | 13 | ("1890227" \| "2780951" \| "2937548" \| "3838615" \| "3964115" \| "4615656" \| "5203236" \| "5310233" \| "5833224").PN. OR ("6959952").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2008/06/01 16:42 |

6/1/2008 5:00:58 PM
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